

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1862	60/285.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/29 07:04
L2	561	60/289.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/29 07:04
L3	1336	(L1 or L2) and ((air near2 fuel) same ((inhibit\$4)or (lean)))	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/29 07:06
L4	270	((L1 or L2) and ((air near2 fuel) same ((inhibit\$4)or (lean)))) and "secondary air"	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/29 07:40
L5	200	2 and ("secondary air" and (air near2 fuel))	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/29 07:52
L6	153	2 and ("secondary air" same (air near2 fuel))	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/29 08:28
L7	1	"5934249".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/29 08:28
L9	1584	((("air" near2 "fuel")and "ratio")same ((calculating or arithmatic or processing))) and "crank angle"	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/29 09:13
L10	1432	((("air" near2 "fuel")and "ratio")same ((calculating or arithmatic or processing))) and "crank angle" and "flow"	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/29 09:14
L11	607	((("air" near2 "fuel")and "ratio")same ((calculating or arithmatic or processing))) and ("crank angle" same "flow")	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/29 09:18
L12	92	((("air" near2 "fuel")and "ratio")same ((calculating or arithmatic or processing))) and ("crank angle" same "flow chart")	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/29 09:18
S1	1856	60/285.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/26 05:51

S2	559	60/289.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/26 05:54
S3	309	S2 and catalyst	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/26 05:55
S4	250	S2 not S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/26 06:00
S5	306	S2 and catal\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/26 06:01
S6	419	S2 and catal\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/26 06:07
S7	244	S6 and (sensor same catal\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/26 06:20
S8	209	S7 and (("air" near5 "fuel")and control)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/26 06:21
S9	184	S7 and (("air" near5 "fuel")same control)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/26 06:35

S10	239	S7 and (("air" near5 "fuel")same exhaust same air control)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/26 06:36
S11	168	S7 and (("air" near5 "fuel")same exhaust same air same control)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/26 06:50
S12	58	S7 and (("air" near5 "fuel")same exhaust same air same feedback same control)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/26 08:16
S13	2	"5315823".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/26 08:23
S14	288	(S1 or S2) and (("secondary air" or ("2nd" near3 air))near5 control\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/26 08:25
S15	234	(S2) and (("secondary air" or ("2nd" near3 air))near5 control\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/26 08:39
S16	73	(S2) and (("secondary air" or ("2nd" near3 air))near5 control\$3) and (flowchart or "flow chart" or "flow-chart")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/26 11:51
S17	30	(S1 or S2) and "secondary air supply control"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/26 11:51
S18	0	("2004/0060282").URPN.	USPAT	OR	ON	2005/09/26 14:29
S19	180	("1" or "2") and (arithmetic same "air-fuel")	USPAT	OR	ON	2005/09/26 14:31

S20	1856	60/285.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/26 14:31
S21	559	60/289.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/26 14:31
S22	26	(S20 or S21) and (arithmetic same "air-fuel")	USPAT	OR	ON	2005/09/26 14:44
S23	33	(S20 or S21) and (arithmetic same ("air-fuel" or "air fuel"))	USPAT	OR	ON	2005/09/27 06:50
S24	1861	60/285.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 06:51
S25	560	60/289.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 06:51
S26	717	(S24 or S25) and (("air-fuel" or "air to fuel" or "air fuel")same flow)	USPAT	OR	ON	2005/09/27 06:51
S27	120	(S25) and (("air-fuel" or "air to fuel" or "air fuel")same flow)	USPAT	OR	ON	2005/09/27 06:52
S28	10	(S25) and (("air-fuel" or "air to fuel" or "air fuel")same "flow chart")	USPAT	OR	ON	2005/09/27 07:29
S29	1136	S25 and "target air-fuel ratio" or "target air/fuel ratio" or "target air fuel ratio" or "target air to fuel ratio"	USPAT	OR	ON	2005/09/27 07:30
S30	7	S25 and ("target air-fuel ratio" or "target air/fuel ratio" or "target air fuel ratio" or "target air to fuel ratio")	USPAT	OR	ON	2005/09/27 07:51
S31	229	S24 and ("target air-fuel ratio".or "target air/fuel ratio" or."target air fuel ratio" or "target air to fuel ratio")	USPAT	OR	ON	2005/09/27 07:54
S32	172	60/307.ccls.	USPAT	OR	ON	2005/09/27 07:54

S33	24	("3086353" "3386241" "3779015" "3921396" "3963444" "3967929" "4023359" "4270347" "4406120" "5224335" "5285639").PN. OR ("5388402").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 08:17
S34	28	("3967929" "4000615" "4026106" "4099377" "4209981" "4233811" "4383408" "4583363" "5060474" "5113651" "5119631" "5136842" "5152137" "5307626" "5333446" "5345763" "5355671" "5357752" "5381658" "5388401" "5388402").PN. OR ("5542292").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 08:40
S35	1	"5285639".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 08:41
S36	19	("4375746" "4383408" "4385491" "4391256" "5060474" "5088281" "5113651" "5119631" "5140810" "5152137" "5175997").PN. OR ("5285639").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 08:41
S37	18	("3503716" "3696618" "3733829" "3793830" "3943709" "3945802" "3962867" "4098078" "4199938" "4240254" "4404805" "5285639").PN. OR ("5675968").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 10:19
S38	44332	((air near2 fuel)and "ratio")	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 10:20
S39	44332	(("air" near2 "fuel")and "ratio")	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 10:20
S40	42814	(("air" near2 "fuel")and "ratio")	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/27 10:20
S41	32669	S40 and engine	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 10:21
S42	814	((("air" near2 "fuel")and "ratio")same ((calculat\$4 or arithmetic)with unit)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 10:24
S43	242	((("air" near2 "fuel")and "ratio")same ((calculating or arithmetic)with unit)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 10:25

S44	20	((("air" near2 "fuel")and "ratio")same ((calculating or arithmetic)with unit)) same "crank angle"	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 10:40
S45	0	((("air" near2 "fuel")and "ratio")same ((calculating or arithmetic)with unit)) same "minimum value of output values"	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 10:41
S46	3	((("air" near2 "fuel")and "ratio")same ((calculating or arithmetic)with unit)) same "minimum value"	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 11:09
S47	1	((("air" near2 "fuel")and "ratio")same ((calculating or arithmetic)with unit)) same "specified crank angle"	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 11:10
S48	1	((("air" near2 "fuel")and "ratio")same ((calculating or arithmetic or processing)with unit)) same "specified crank angle"	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 11:10
S49	125	((("air" near2 "fuel")and "ratio")same ((calculating or arithmetic or processing)with unit)) same "crank angle"	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 11:13
S50	0	((("air" near2 "fuel")and "ratio")same ((calculating or arithmetic or processing)with unit)) same "specific angle"	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 11:14
S51	4	((("air" near2 "fuel")and "ratio")same ((calculating or arithmetic or processing)with unit)) and "specified crank angle"	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/28 11:29
S52	1	"6155043".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 11:24
S53	1	"5285639".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 14:03
S54	1861	60/285.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 14:03
S55	560	60/289.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 14:03

S56	91	S54 and S55	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 14:03
S57	45	(US-20050039445-\$ or US-20040098981-\$ or US-20050150209-\$ or US-20050138919-\$ or US-20050132697-\$ or US-20050011184-\$ or US-20040139736-\$).did. or (US-6722125-\$ or US-6711894-\$ or US-6647712-\$ or US-6918245-\$ or US-6915629-\$ or US-6912845-\$ or US-6883323-\$ or US-6865879-\$ or US-6832474-\$ or US-6829886-\$ or US-6945035-\$ or US-6912840-\$ or US-4100735-\$ or US-4099377-\$ or US-4231220-\$ or US-4364227-\$ or US-4375746-\$ or US-4385491-\$ or US-5235956-\$ or US-5285639-\$ or US-5675968-\$ or US-5743085-\$ or US-5746052-\$ or US-5136842-\$ or US-5152137-\$ or US-5357749-\$). did. or (US-5388403-\$ or US-5388402-\$ or US-5444975-\$ or US-5519992-\$ or US-5560199-\$ or US-5706653-\$ or US-6497094-\$ or US-5493857-\$ or US-5315823-\$ or US-5459997-\$ or US-6880328-\$ or US-4528963-\$).did.	US-PGPUB; USPAT	OR	ON	2005/09/27 14:04
S58	1861	60/285.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 06:24
S59	560	60/289.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 06:24
S60	9	(S58 or S59) and ("secondary air" same (cut near fuel))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 06:39
S61	0	"prohibits the increase in the fuel amount"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 06:42

S62	118	(S58 or S59) and ("secondary air" same "fuel injection")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 06:49
S63	20	(S58 or S59) and ("secondary air" same "fuel injection" same "lean")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 08:00
S64	40	(S58 or S59) and ((air near2 fuel) same calculat\$3 same "secondary air")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 08:04
S65	40	(S58 or S59) and (((air near2 fuel) same calculat\$3) same "secondary air")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 08:04
S66	11	("4177787" "4214563" "4519366" "4624232" "4930478" "4938194" "5058552" "5065728").PN. OR ("5247910").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/28 08:30
S67	181	(S58 or S59) and (((air near2 fuel)same calculat\$3)same (minimum or least))	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/28 11:11
S68	1	"5934249".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/28 11:11
S69	20	("4454855" "4836174" "5205260" "5273019" "5383126" "5566071" "5682864").PN. OR ("5934249").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/28 11:27
S70	11	((("air" near2 "fuel")and "ratio")same ((calculating or arithmetic or processing))) and "specified crank angle"	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/29 09:13